

Application/Control Number: 10/614,734
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1. A shaped solid halogen bleach composition comprising a continuous solid phase of an active halogen bleach source and about 10 to 80 wt%, based on the solid, of an encapsulate active halogen bleach source, said encapsulate comprising an active halogen source and at least one encapsulating layer.
2. The solid of claim 1 wherein the shaped solid is a cylindrical solid with a thickness of about 10 to 80 millimeters and a diameter of about ^{to} 20^{to}150 millimeters, wherein the encapsulate is evenly dispersed throughout the solid phase. VFM 2/24/93
Kao 2/21/93
3. The solid of claim 1 wherein the mass of the solid is at least 1 gram and the particulate has a diameter no greater than about 5 millimeters. VFM 2/24/93
Kao 2/21/93
4. The solid of claim 1 wherein the active halogen bleach comprises a source of active chlorine.
5. The solid of claim 4 wherein the source of active chlorine comprises chlorinated trisodium phosphate, chlorinated sodium tripolyphosphate, or mixtures thereof.
6. The solid of claim 2 wherein the source of active halogen of the continuous phase or the halogen source of the encapsulate comprises a chlorinated isocyanuric acid compound.

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7. The solid of claim 1 wherein the encapsulate comprises a core of an active halogen source and at least one organic encapsulating layer.

8. The solid of claim 1 wherein the encapsulate comprises a core comprising an active halogen source and at least one inorganic encapsulating layer.

9. The solid of claim 1 wherein the encapsulate comprises a core of an active halogen source, a first inorganic inner layer and a second organic outer layer.

10. The solid of claim 1 wherein the continuous solid phase also contains a binder (tableting aid).

11. The solid of claim 1 wherein the solid comprises a compressed solid.

12. The solid of claim 1 wherein the particle size of the continuous phase is about 0.2 to 5 millimeters. VPM 2/26/93
KED 2/26/93

13. The solid of claim 1 wherein the solid further comprises a wetting agent.

14. The solid of claim 1 wherein the solid further comprises a sequestrant.

15. A solid tablet chlorine bleach composition comprising a continuous solid phase of an active chlorine source and about 10 to 80 wt% based on the solid of an encapsulated chlorinated isocyanuric acid, said encapsulate comprising an active core of chlorinated isocyanuric acid and at least one encapsulating layer.

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16. The solid of claim 15 wherein the ^{thickness} ~~diameter~~ of the solid is about 20 to 80 millimeters having a ^{diameter} ~~thickness~~ of about 50 to 150 millimeters and the encapsulated chlorinated isocyanurate is evenly dispersed throughout the solid phase. VFM 2/26/93
Xeo 2/26/93
17. The solid of claim 15 wherein the chlorine source of the continuous solid phase also comprises chlorinated isocyanuric acid.
18. The solid of claim 16 having a mass of at least 1 gram and a particulate having a diameter of no greater than ^{VFM 2/26/93} ~~than~~ _{Xeo 2/26/93} about 5 millimeters.
19. The solid of claim 15 wherein the solid phase comprises chlorinated trisodium phosphate, chlorinated trisodium polyphosphate, calcium hypochlorite or mixtures thereof.
20. The solid of claim 16 wherein the encapsulate has at least one inorganic layer.

Claims 21-39 are cancelled